

Title (en)
SURGICAL ILLUMINATION DEVICE AND METHOD OF USE

Title (de)
CHIRURGISCHES BELEUCHTUNGSSYSTEM UND VERWENDUNGSVERFAHREN DAFÜR

Title (fr)
DISPOSITIF D'ECLAIRAGE CHIRURGICAL ET SON PROCEDE D'UTILISATION

Publication
EP 1208331 A4 20050105 (EN)

Application
EP 00948780 A 20000720

Priority
• US 0019658 W 20000720
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• US 20679200 P 20000524

Abstract (en)
[origin: WO0106176A1] A compact, self-powered, selectively-mountable lighting unit (102) provides light directable by a user to an operation site in a confined space to enable the user to operate a tool therein. The lighting unit (102) is detachably mountable to, for example, a surgical instrument (100) so as to provide lighting of selected frequency range in adjustable focus ranging from substantially diffuse to tightly focused beam, at and about an operating distal end of the instrument (100) to facilitate accurate viewing thereof.

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F21W 131/20; **A61B 19/00**

IPC 8 full level
A61B 5/00 (2006.01); **A61B 17/28** (2006.01); **A61B 19/00** (2006.01)

CPC (source: EP US)
A61B 5/0059 (2013.01 - EP US); **A61B 5/411** (2013.01 - EP US); **A61B 90/30** (2016.02 - EP US); **A61B 17/28** (2013.01 - EP US)

Citation (search report)
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• [X] US 5450293 A 19950912 - HOFFMAN ELLIOTT S [US]
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• [A] DE 4234050 A1 19930617 - DRUMM RUDOLF DR MED [DE]
• See references of WO 0106176A1

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CN105163912A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0106176 A1 20010125; **WO 0106176 A9 20020718**; AU 6222800 A 20010205; EP 1208331 A1 20020529; EP 1208331 A4 20050105; US 6428180 B1 20020806

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